IP Wireless / Wired Camera

NIGHT VISION & REMOTE PAN/TILT ROTATE

User Manual

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1 WELCOME

This model IP Camera is an integrated wireless IP Camera solution. It combines a high quality digital Video Camera with network connectivity and a powerful web server to bring clear to your Desktop from anywhere on your local network or over the Internet.

The basic function of it is transmitting remote video on IP network. The high Quality video image can be transmitted with 30fps speed on the LAN/WAN by using MJPEG hardware compression technology.

This is based on the TCP/IP standard. There is a WEB server inside which could Support Internet Explore. Therefore the management and maintenance of your device become more simply by using network to achieve the remote configuration, start-up and upgrade firmware.

You can use this IP CAMERA to monitor some special places such as your home and your office. Also controlling and managing images are simple by clicking the website through The network.

NOTE: you can use the IP Camera Step by Step (details:3.1).

Features

- Powerful high-speed video protocol processor
- High-sensitivity 1/4 CMOS sensor
- Picture Total 300k Pixels
- Video Frame Rate:30fps(QVGA), 15fps(VGA)
- Resolution:640 x 480(VGA), 320 x 240(QVGA)
- Light Frequency:50Hz, 60Hz or Outdoor
- Optimized MJPEG video compression for transmission
- Multi-level users management and passwords definition
- Embedded Web Server for users to visit by IE
- Support wireless network (WiFi/802.11/b/g)mobile
- Supporting Dynamic IP(DDNS)and UPNP LAN and Internet(ADSL, Cable Modem)
- Giving alarm in cause of motion detection
- Supporting image snapshot
- Support multiple network protocols：HTTP，TCP/IP，UDP，STMP，DDNS，SNTP，DHCP，FTP
- Support remote system update

Advanced Features

Multi-Protocol support and Transportation

IP CAMERA supports Multi-Protocol such as TCP/IP, SMTP and HTTP. Sending the image to your mailbox automatically when the IP CAMERA is triggered.

Video Image PTZ function

Users can control the camera direction on the video image.

Motion Detection

Your may use the internal Motion Detection function or external sensor to trigger images Recording and transportation. Alarm sensor input/output.

The detection sensor sends an alarm and records by itself when there is a fire or accident. A message as an email is sending to you by this sensor,(The input/output discreteness can be chosen)

DDNS support

Using it in the condition which including ADSL and IP change often is more convenient, because IP CAMERA provides dynamic DNS function.

Advanced User Management

Only allowing authorized users access to real-time images of IP Camera.

1.2 Packing List

Untie the packing and checking the items contained against the following list;

- Wireless IP Camera 1
- Wi-Fi Antenna 1
- DC Power Supply 1
- CD 1 (User Manual、IP Camera tool、Upgrade)
- Network Cable 1
- Mounting bracket 1

NOTE: Contact us immediately in the case of any damaged or short of contents.

1.3 Product views

1.3.1 Front view

Figure 1.1

1 **Sensitive Hole**
2 **Infrared LED**
3 **LENS** CMOS sensor with fixed focus lens.
4 **Network Indicator LED if there is network activity, the LED will blink.**
5 **Mic**
6 **Antenna**

1.3.2 Rear panel

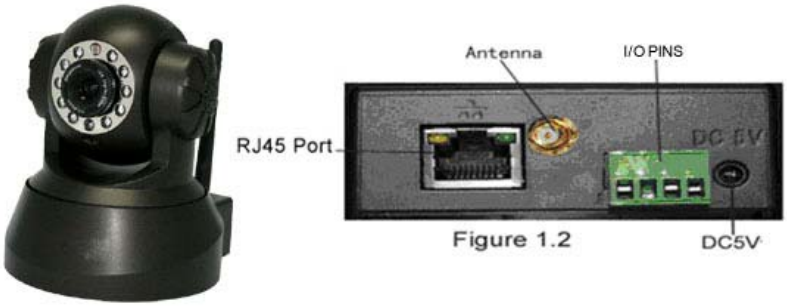
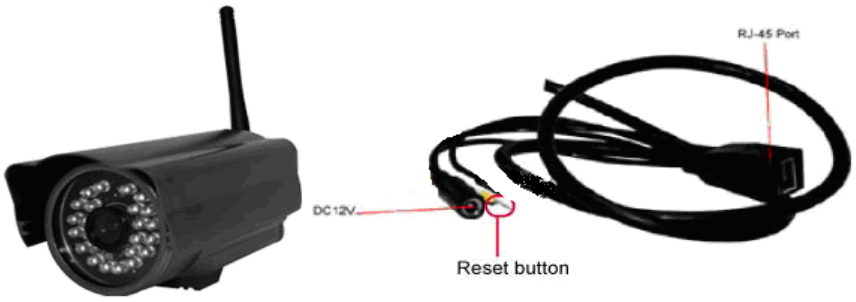


Figure 1.2



LAN: RJ-45/10-100 Base T

DC5V: 5V Power supply

Figure 1.3

RESET BUTTON: press and hold down the RESET BUTTON (Figure 1.3 under pan) for 5 Seconds .Release the power button and IP Camera will be reset back to the factory default Parameter.

1.4 PC System Requirements

System configuration requirements :(Example for view four IP Camera)
CPU: 2.06GHZ or above Memory: 256M or above
Network Card: 10M or above Display Card:64M or above memory
Recommendable Operating system: Window2000 or Window XP or Vista

1.5 Hardware Instruction

Follow the steps below to set up your camera hardware. Make sure to follow each step carefully to ensure that the camera operates properly

1) Plug the network cable into the camera and then into your Cable/DSL router.

2) Plug the power adapter into the camera and then into the power outlet.

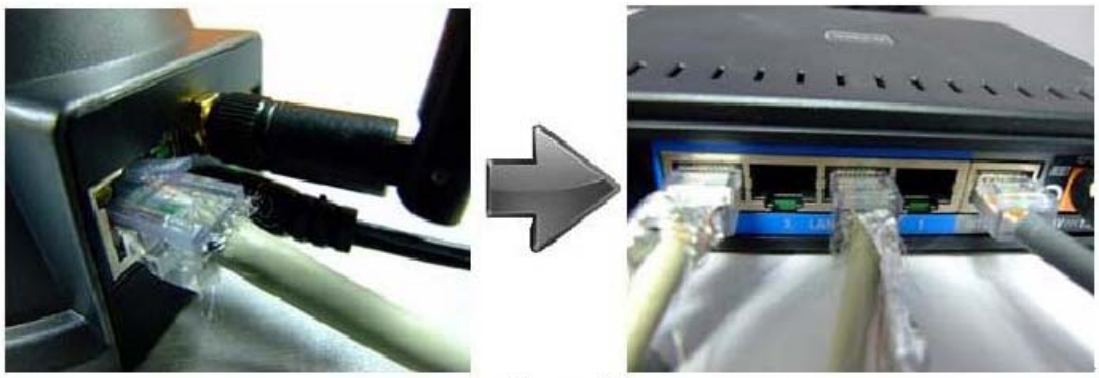


Figure 1.3

1.6 Software installation

Software installation is the key to the successful use of this product.

1 Open the CD, find the software as instruction;

2 Double click **setup.exe** and install the software as instruction.

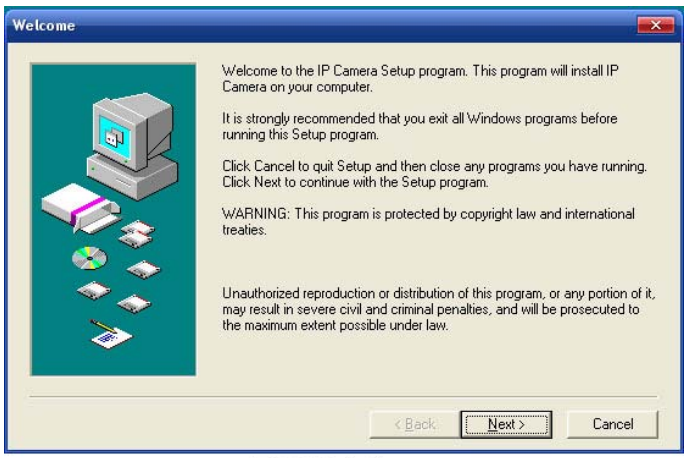

Welcome
Welcome to the IP Camera Setup program. This program will install IP Camera on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program.
Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
< Back
Next >
Cancel

Figure 1.4

3 Only click **next,** you will complete the software installation.

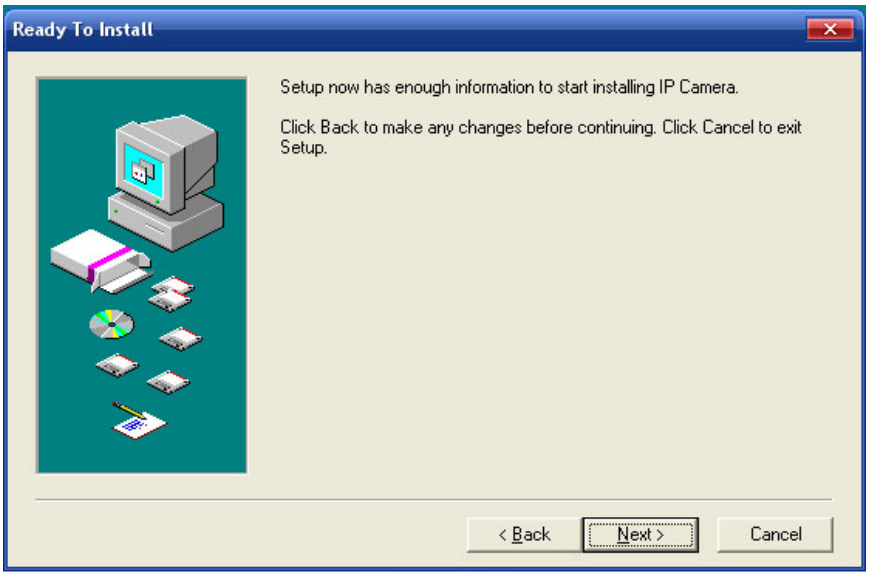

Ready To Install
Setup now has enough information to start installing IP Camera.
Click Back to make any changes before continuing. Click Cancel to exit Setup.
< Back
Next >
Cancel

Figure 1.5

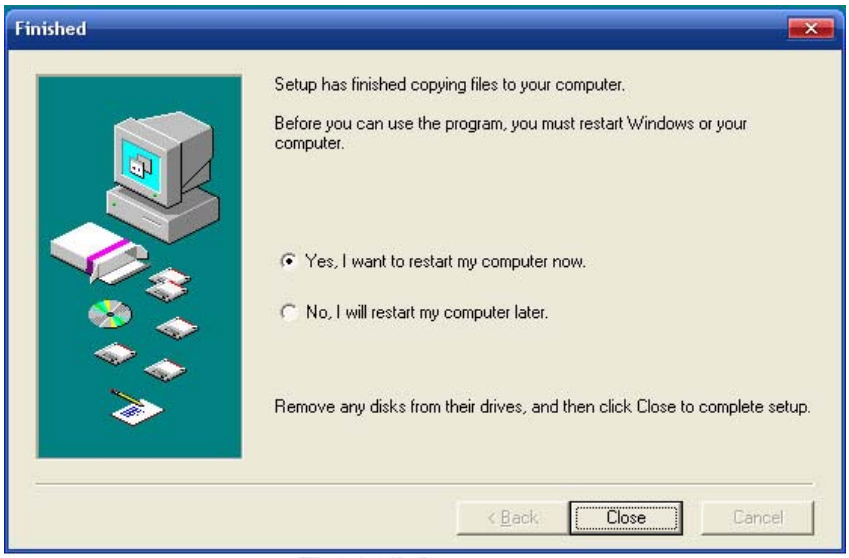

Finished
Setup has finished copying files to your computer.
Before you can use the program, you must restart Windows or your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Close to complete setup.
< Back
Close
Cancel

Figure 1.6

The computer restarts upon installation completion and an icon

appears on the Desktop automatically.

NOTE: Before installing and using the product, please read the following precautions carefully and make sure they are fully understood.
Use only the power adapter attached with the product .Use of unauthorized power adapter may cause damage to your IP Camera.

Do not touches the lenses of the IP Camera at will .The optimum focus range has been set before the IP Camera is delivered out of the factory. If you turn the lens, it may cause incorrect focus and vague images.
Do not turn the Pan/Tilt by force for it may cause damage to internal components of the Pan/Tilt.
IP Camera terminal shall be installed in an indoor environment.
For firmware upgrading or connection with an external, refer to detailed instructions contained in the CD.

2 SOFTWARE OPERATION

2.1 IP Camera Tool

When the Device has been mounted properly, you can double click the Icon “IP Camera Tool”

and a dialog box as Figure 2.1 will pop up.

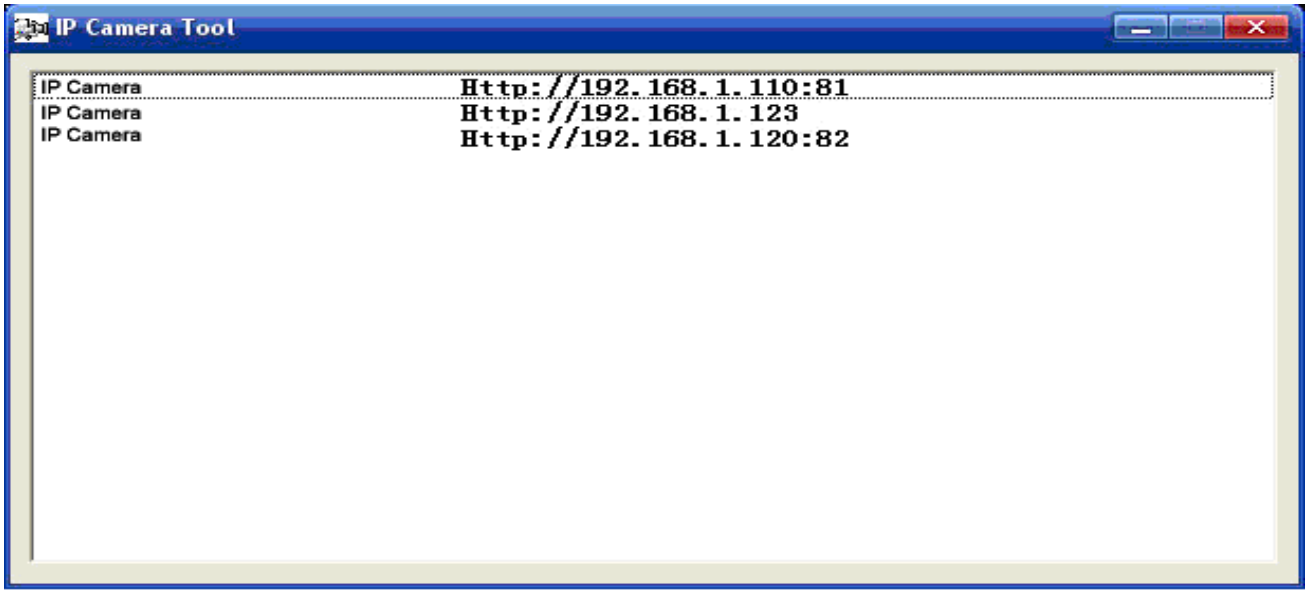


Figure 2.1

Note: The software searches IP Servers automatically over LAN.
There are 3 cases:
1 **No IP C**ameras found within LAN. After about 1 minute search, the Result Field will show “not found IP Server” and the program shut automatically.
2 IP Cameras have been installed within LAN. All the IP Cameras will be listed and the total number is displayed in the result field as shown in Figure 2.1

3 The IP Cameras installed within LAN do not share the same subnet with the monitoring PC. A prompt as shown in result field (prompt: Subnet doesn't match, double click to change!).

Click the left mouse button to choose the prompt and click the right mouse, choose **Network Configuration** to set the IP address of the Camera to the same subnet as LAN.

Five Options

Choose the IP Camera list and Click right mouse, there are five options ,Basic Properties, Network Configuration, Upgrade Firmware ,Refresh Camera List ,Flush Arp Buffer.

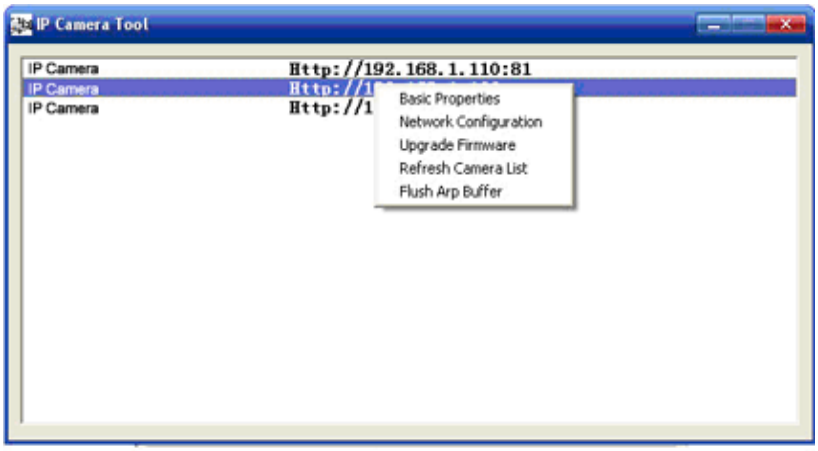


Figure 2.2

- **Basic Properties**

There are some device information in the Basic Properties, such as **Device ID,System Firmware Version, Web UI Version.**

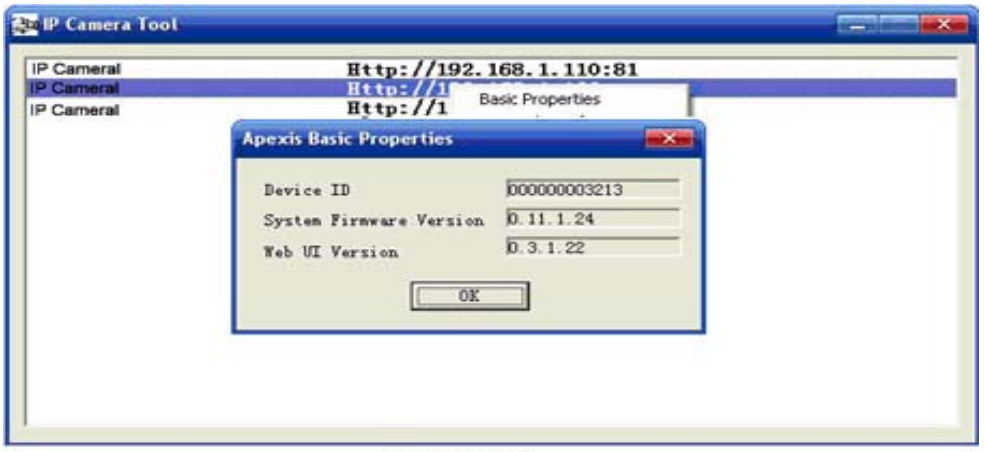


Figure 2.3

- **Network Configuration**

In this page, you can configure the Network parameter.

Figure 2.4

IP address: Fill in the IP address assigned and make sure it is in the same subnet as the gateway (i.e. the first three sections are the same)
Mask: The default subnet mask of the equipment is: 255.255.255.0
Gateway: Make sure it is in the same subnet with PC IP address .Default Gateway address is 192.168.0.1
DNS: IP address of IPS network provider.
Port: LAN port assigned for the equipment, usually 80
User & Password: Default administrator username/password: admin. No password
Enable **Using DHCP** the system will assign a reasonable IP address for your equipment. Only if your gateway supports DHCP (It is the case with most gateways).
NOTE: When the prompt “subnet doesn’t match, double click to change!” please set the IP Camera IP address once again.

- **Upgrade Firmware**

Enter the correct User and Password to upgrade system Firmware and Web UI.

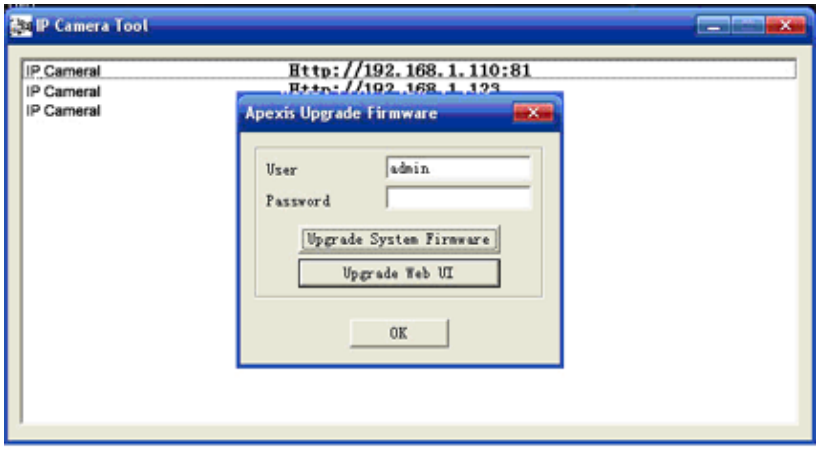


Figure 2.5

- **Refresh Camera List**

Refresh camera list manually.

- **Flush Arp Buffer**

When cable network and wireless network of the device are fixed IP address .There is a problem you may encounter is can search the camera IP but can't open the camera web page .you may try to use Flush Arp Buffer.

2.2 Camera Login

You can access the camera through IP Camera Tool or IE directly.

1) Double click the IP address of the IP Camera listed (Figure 2.1).

2) To access the camera ,start your web browser and type in the camera's IP address

Such as http://192.168.1.123

3) The Camera Login page pop-up.

Enter your account and password on the login page as shown in Figure 2.5. By default, Administrator's username is: **admin** and **no password**… Click "**Sign in**" to enter the monitoring page (Figure 2.6). You can set the username and password as Administrator,

Operator or Visitor.

2.3 For Visitor

The status of 9 routes, as shown below.

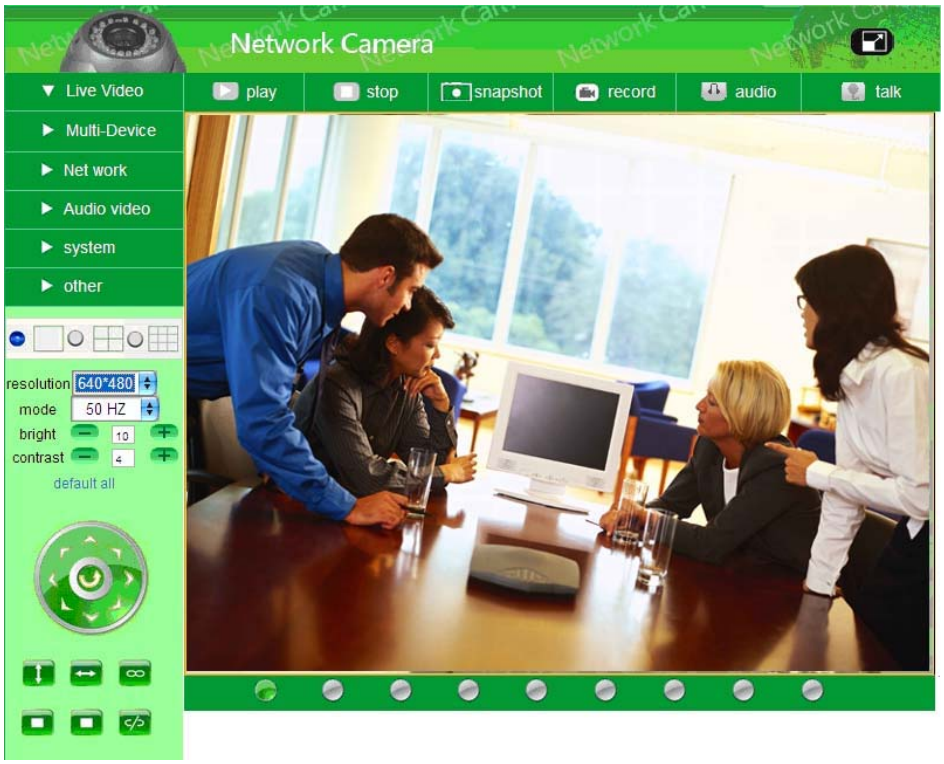
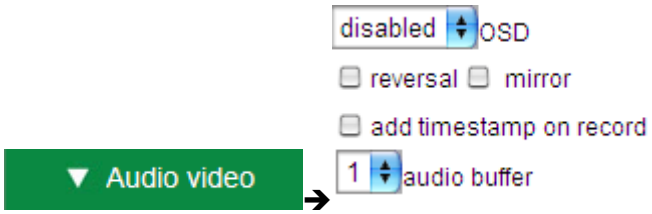


Figure 2.7

For example: if is bright, the first route is on Detection (Motion Detection).

If you want to detect 4 views, need to click this icon

If you want to detect 9 views, need to click this icon



OSD: Display date and time on the video .You can disable the OSD function or choice Other color, (OSD: on-screen display)

Reversal: To see the reversal image

Mirror: To see the mirror image.

Add time stamp on record: Increase the video time stamp

PLAY: Click icon

into play mode,

is stop.

Snapshot: Click icon

to snap the picture.

AUDIO: Click icon

Camera MIC open, Local Voice input

TALK: Click icon

Camera Speaker open, Remote Voice Output

RECORD: Click icon

into REC mode,

is stop.

2.4 For operator

When login as operator administrator, you can enter the IP Camera For Operator

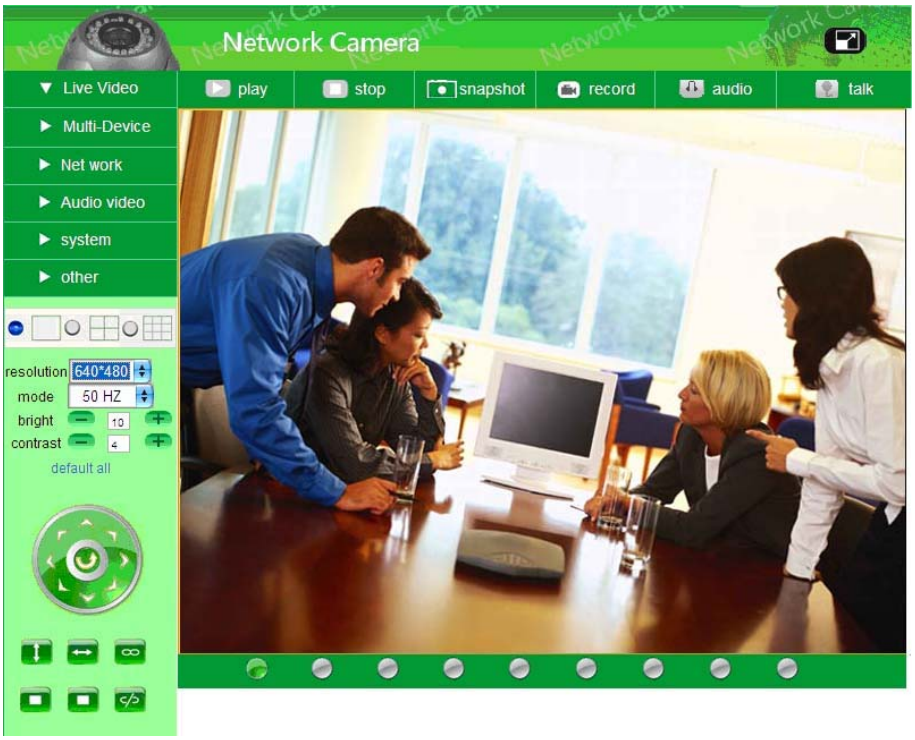


Figure 2.8

Vertical patrol

Horizontal patrol

Stop patrol

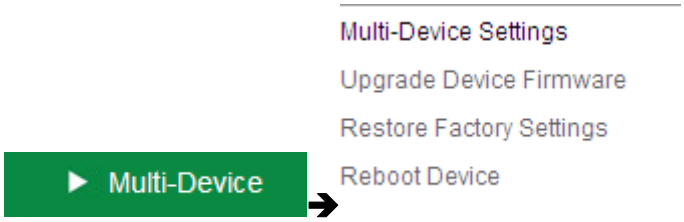
IO output Switch on/off. (See 2.5.5 for more informations)

Resolution: VGA (640*480) / QVGA (320*240)
Work mode: 50Hz/60Hz/Outdoor
Color parameter: Click + or − can adjust the brightness and contrast
Image PTZ function: Image PTZ function is recommended, you can control the camera Direction on the video image. Double click the right mouse on the image to enable PTZ and you can see a white arrow on the video image, click left mouse to control direction. If want to cancel, double click right mouse again.

2.5 For Administrator

When you login as administrator, "**For Administrator**" is enabled.

2.5.1 Multi-Device Settings



- Use multiple cameras in LAN

In the Multi-Device Settings page, you can see all devices searched in LAN. The 1st Device is this device default. You can add more cameras list in LAN for monitoring .This Web software Supports up to 9 IP Cameras online simultaneously.

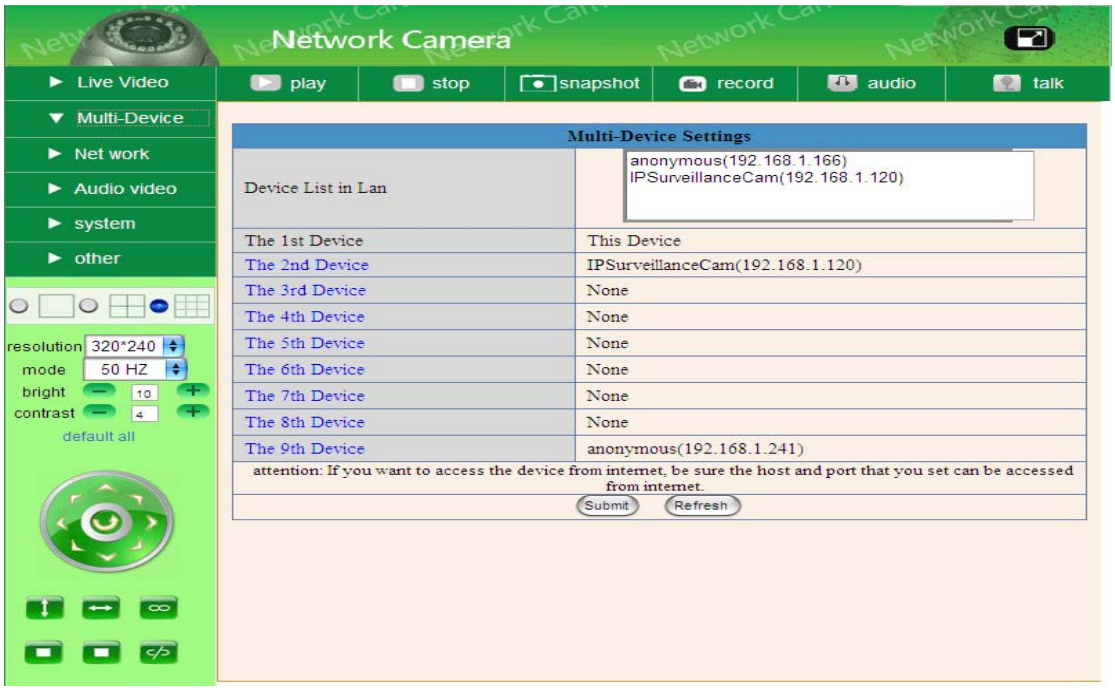


Figure 2.10

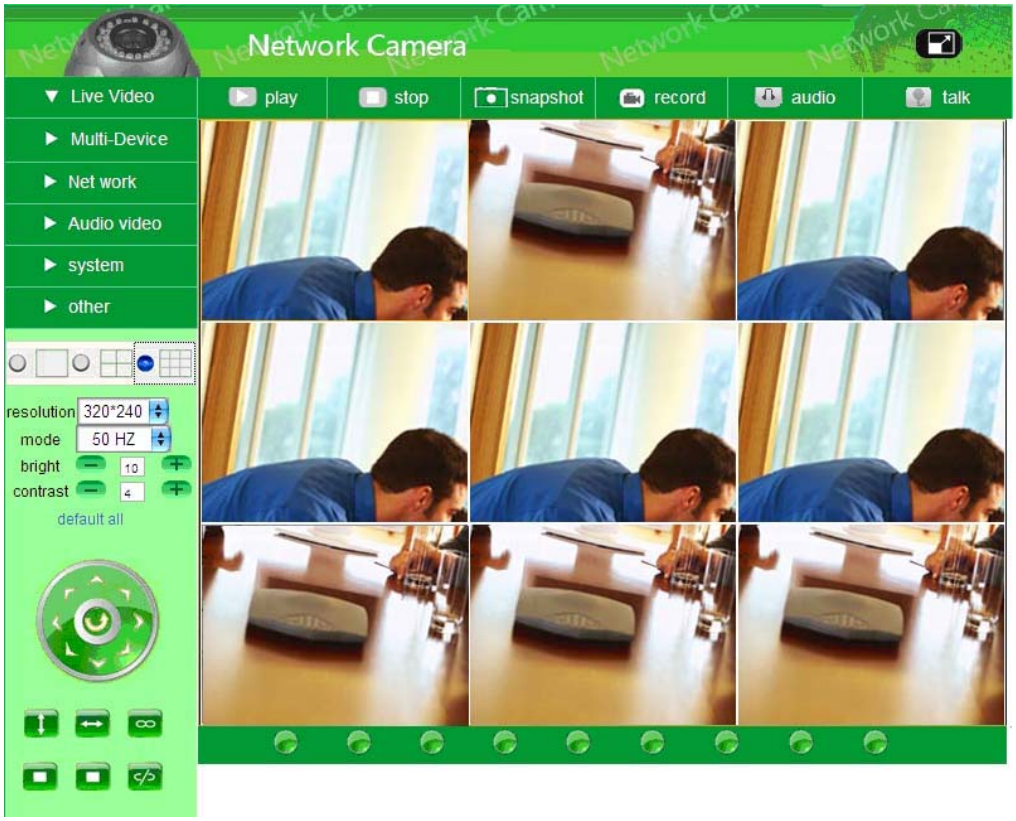


Figure 2.10

- Use multiple cameras with a single IP address

In the Multi-Device Settings page .You can use multiple camera with a single IP address by configuring different ports for each camera .By default, the Device uses port 80 for accessing the camera's homepage and video streaming.

Adding a second camera:

If you decide to add a second IP camera, you will need to change the port number for the second camera.

Camera#2: LAN IP address is 192.168.1.124-Port 81

Will be forwarded to: http://192.168.1.124:81

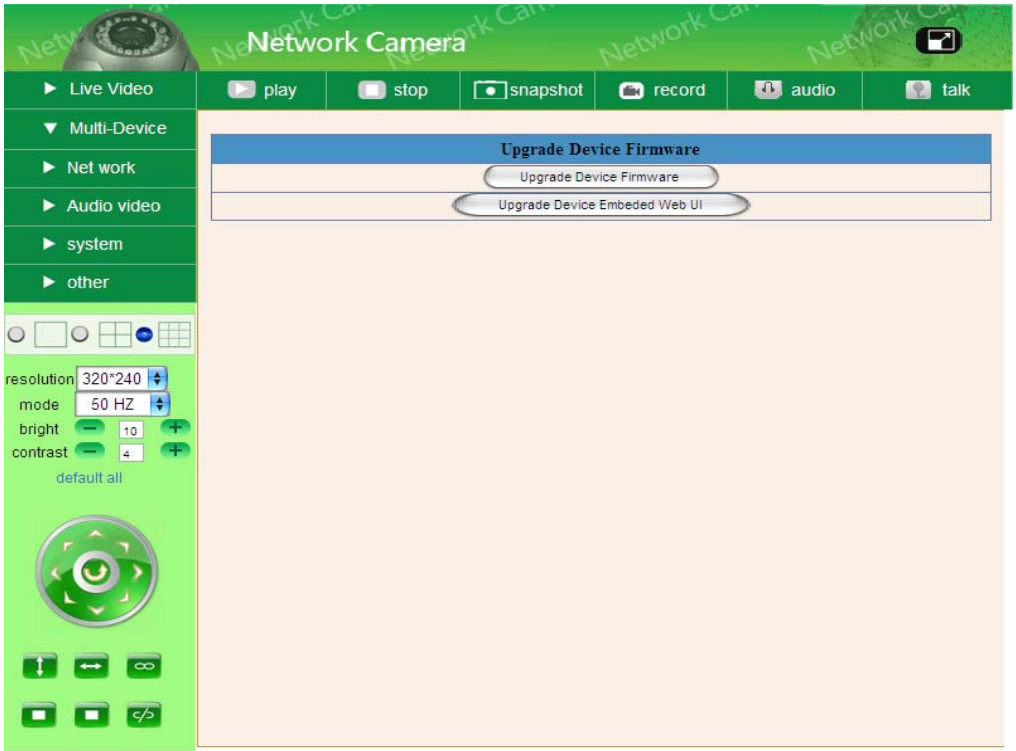
Note that Camera #2 has a different IP address and a different port number. The LAN IP address is assigned by the router, but the port number is not one you will need to configure the port number (details:2.5.2). Once you have changed the port number for the camera and the settings in your router, you can access the second camera from the Internet by http://192.168.1.124:81

Adding more cameras:

If you decide to add more cameras, you will need to change the port number for the other cameras, such as 82,83,85. To access these cameras from the Internet, you would use: http://192.168.1.124:82

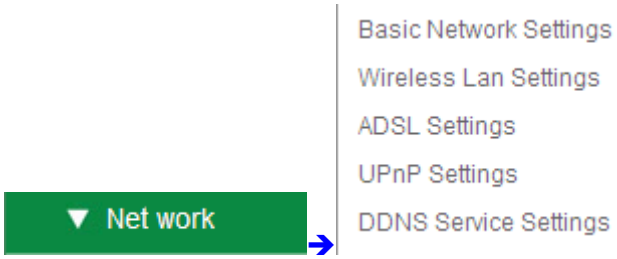
- Upgrade Device Firmware

Upgrade Device Firmware and device embedded web UI software in this page.



- Restore Factory Settings
  Restore factory settings of the device.
- Reboot Device
  Reboot the device.

2.5.2 Network Settings



- Basic Network Settings

If the router and the IP camera connect has DHCP function, you can choose “Obtain IP from DHCP Server” else fill in the network parameters manually.

Http Port: In most cases, you can leave this value as however, if your Internet Service Provider blocks this port, you may switch to another port number such as 85.

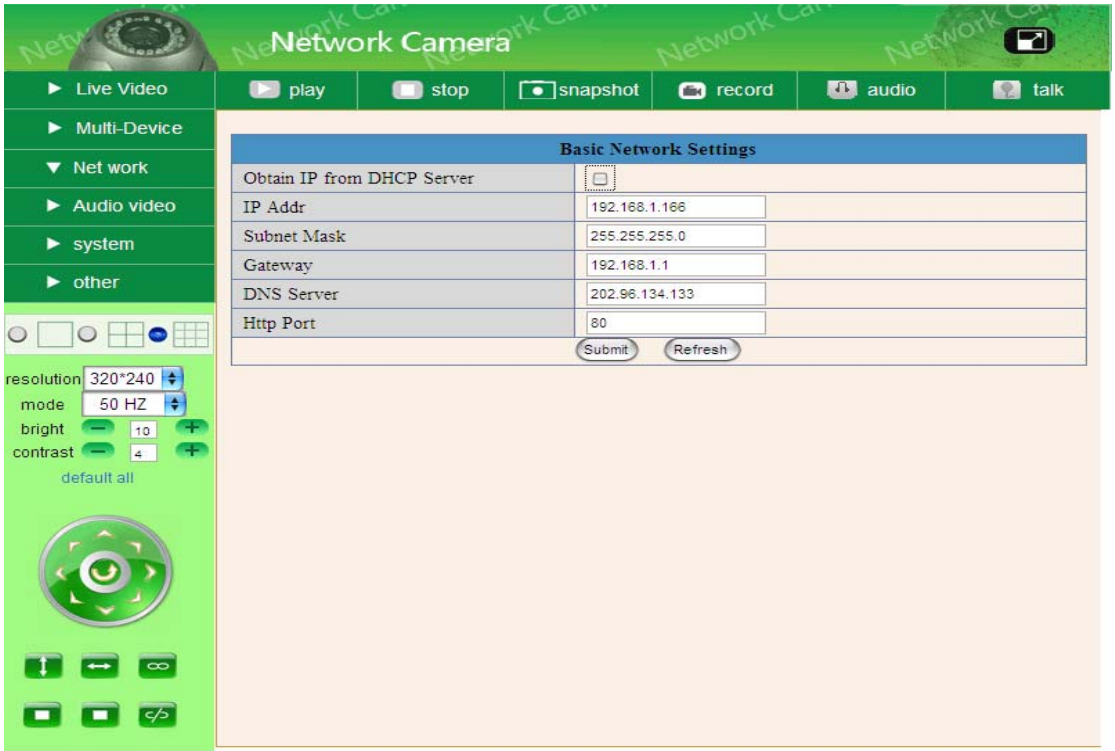


Figure 2.12

- Wireless Lan Settings

Please enter the wireless net setting page of the wireless Router to out SSID, Channel, Encryption, Authentication.

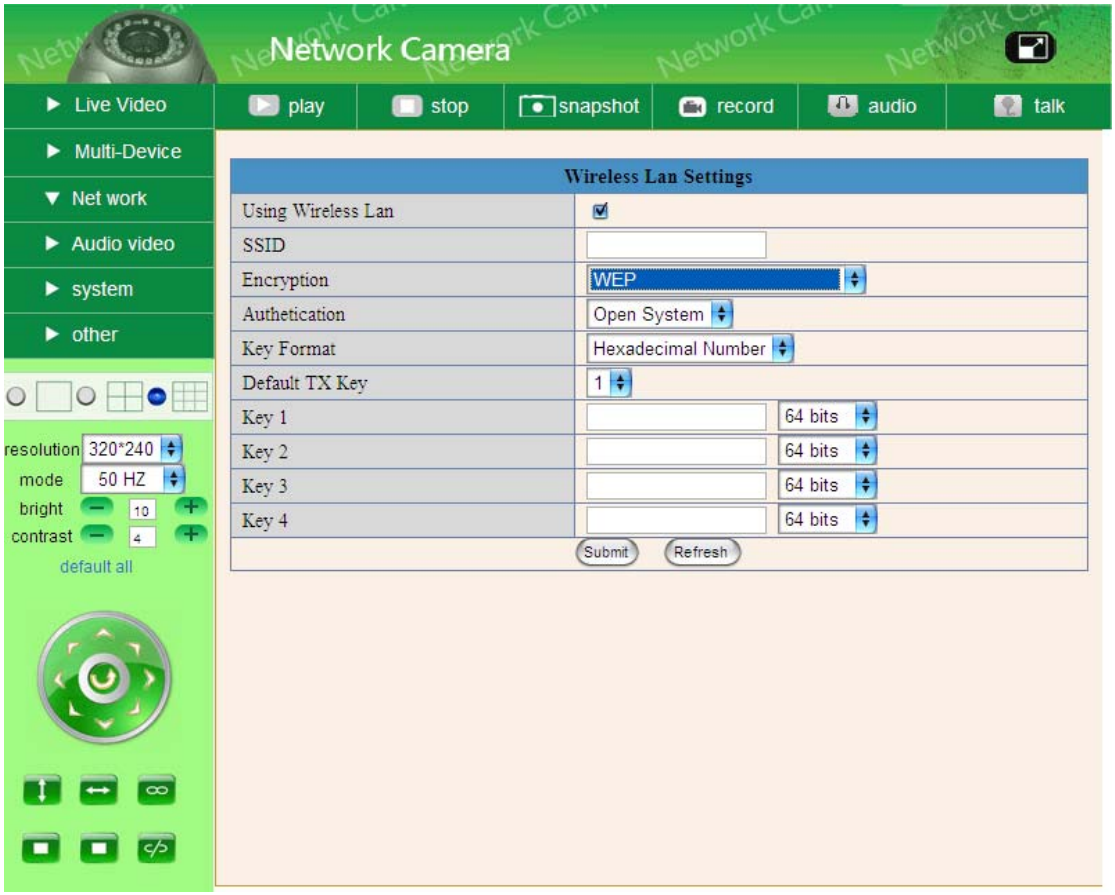


Figure 2.13

- ADSL Settings

When connected to the Internet through ADSL directly, you can enter the ADSL username And password obtained from ISP.

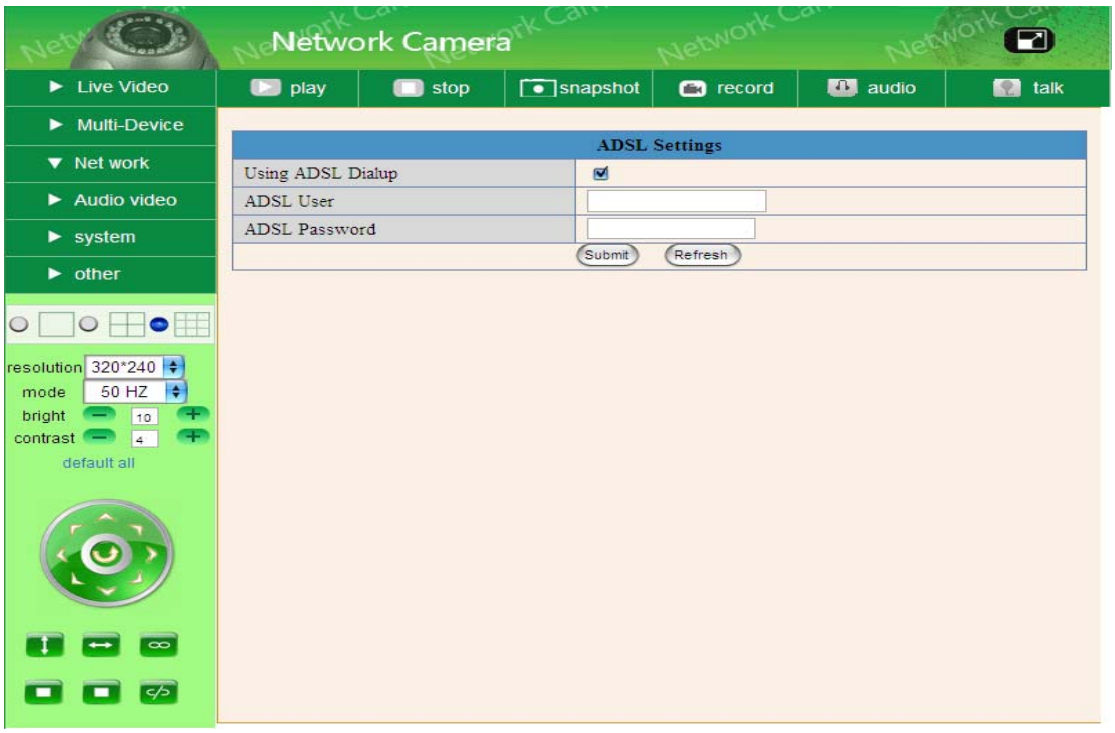
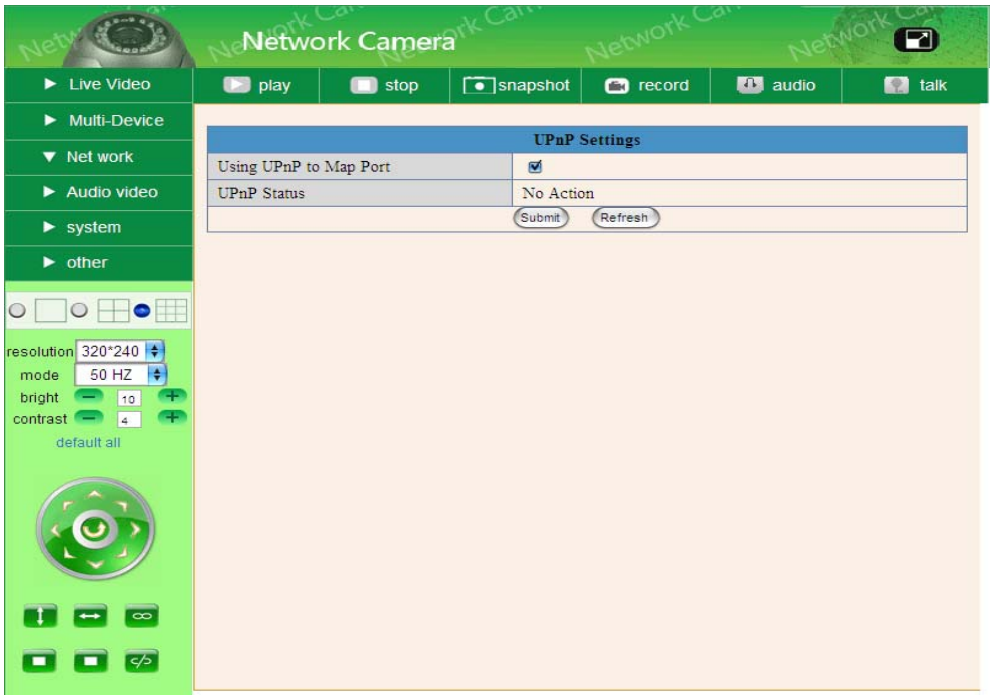


Figure 2.14

- UPNP Settings

If you access IP Camera, to be make sure **UPNP Status** is Succeed.

UPNP Protocol settings, as Figure below:



2.5.3 DDNS Service Settings

DDNS Service: The system support protocols from some DDNS providers: Dyndns.org.

User and Password: the user name and password used when applying for the domain name.(details:4.1.6)
DDNS Host: the Domain Name
DDNS or Proxy port: If you access the DDNS host through a proxy, you should input the Proxy IP
DDNS or Proxy Port: Proxy Port

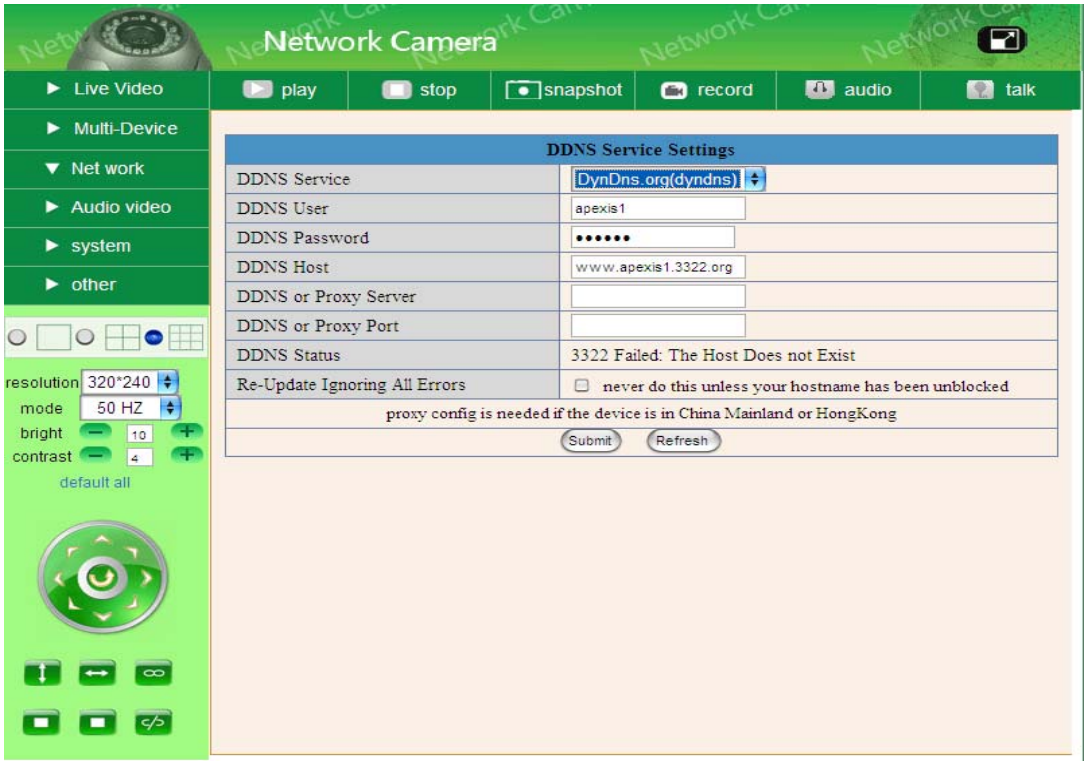
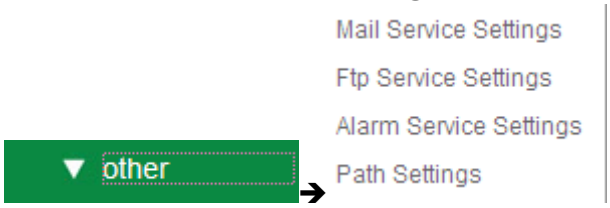


Figure 2.15

2.5.4 Other Service Settings



Configure the E-mail box to receive and send mails. The E-mail box is used for receiving the images sent after alarm and the system IP address after successful dial-up.

Mail Service Settings

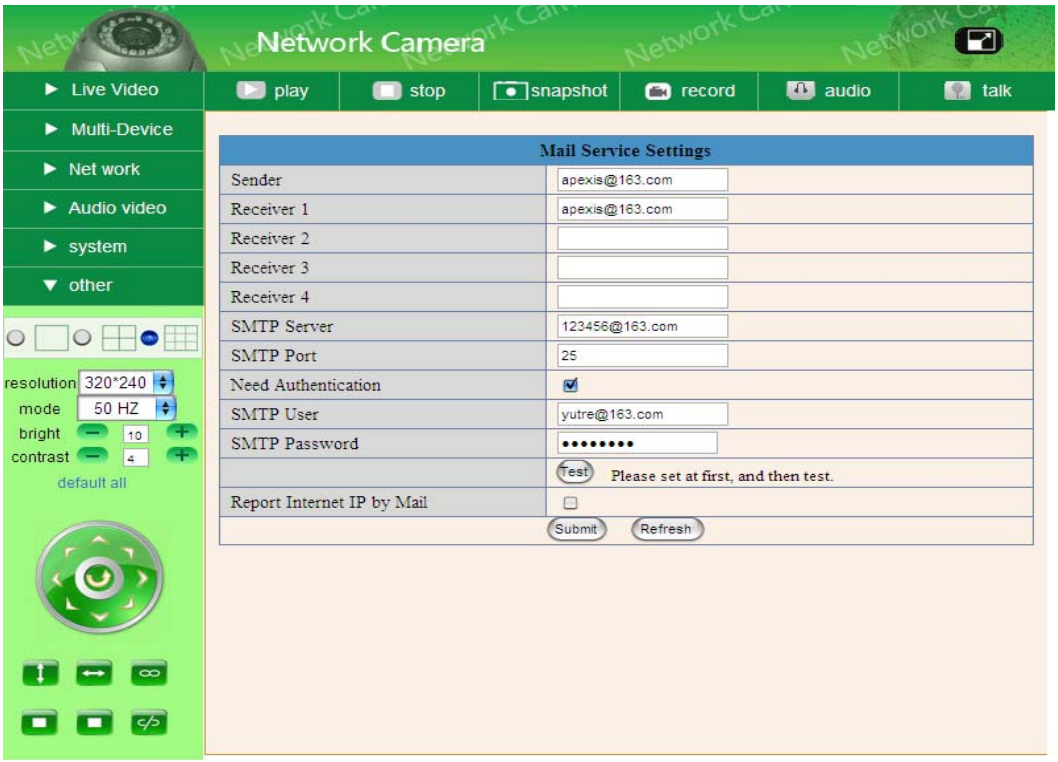


Figure 2.16

Settings the FTP Service:

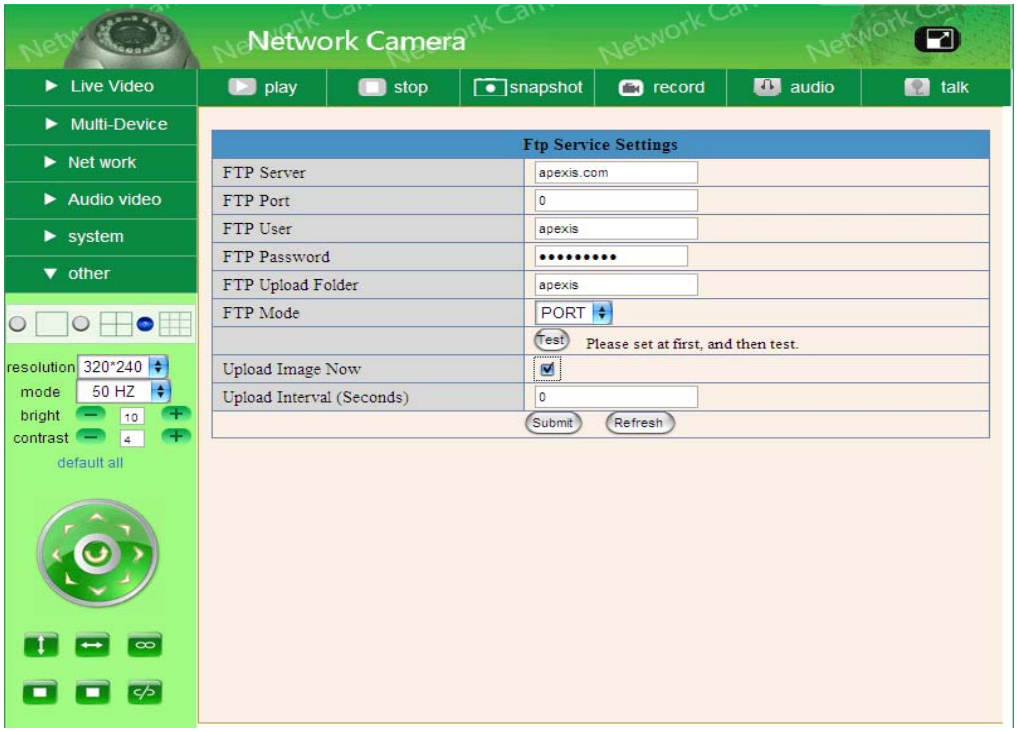


Figure 2.17

- Alarm Service Settings

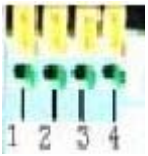
Enter Alarm Service Settings page to configure Motion Detection function.

Motion Detect Armed

When you enable motion detect armed, the camera can be triggered to send email alerts sound you will hear.

Motion Detect Sensibility

You can choice High, Medium, Low



I/O PINS: 1 Output (+5V) 2 Output 3 Alarm input 4 Input (GND)

Alarm Input Armed

Input pins: The input pins can be used for 1-way external sensor input For example; you may connect a person Infrared Sensor (PIP) to it for motion detection. When external sensor triggered,

IP CAMERA can be programmed to send an email with picture or control the internal relay output.

If you link an external alarm with Pin3 and Pin4, when enable alarm input armed ,external alarm is enabled

IO Linkage on Alarm

Enable IO linkage on alarm, Pin 1 will output +5V when alarm triggered, and output LOW when alarm release automatically.

Switch on/off buttons control Pin1 output manually.

Send Mail on Alarm

Sent picture and mail inform to customer's e-mail after alarmed. (Firstly you should finish the Mail Service Settings.)

Upload Image on Alarm

Enable upload image on alarm and set upload interval (Seconds).

REC automatically and save to PC

When you enable motion detect and open the camera monitoring page on the PC. If there is an alarm triggered, REC will start automatically for several seconds and save to the PC.

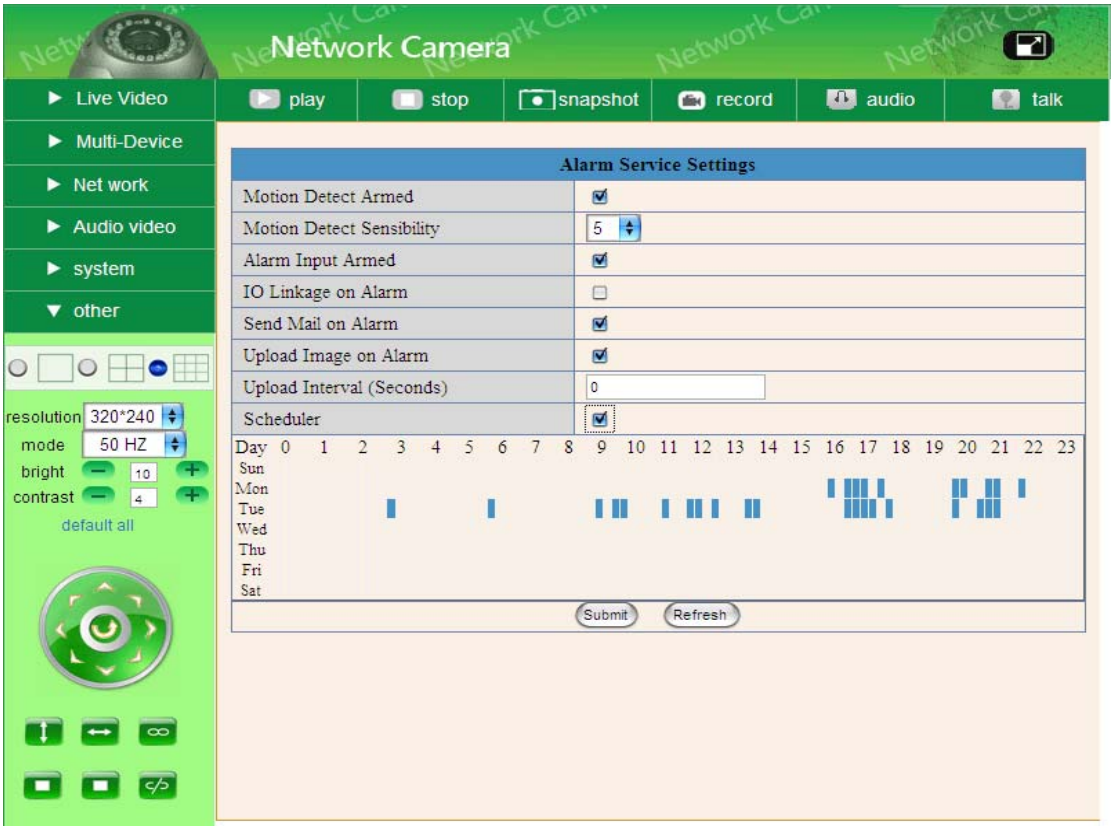


Figure 2.19

- Path Settings

Setting the path of preserve video, when start record video, click record, and the video file will be preserved in the specified directory Record Path. As below figure:

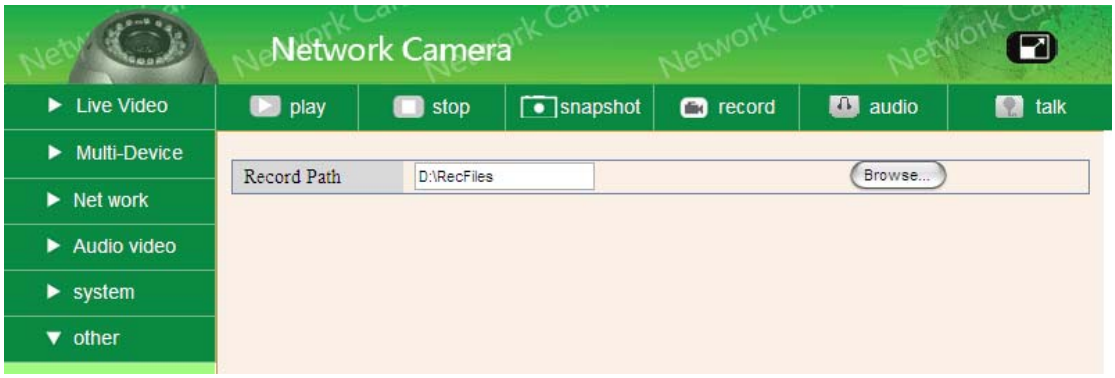


Figure 2.20

2.5.5 System

- Device Info

You can find the information about Device ID, Firmware Version and **Embedded Web** UI Version.

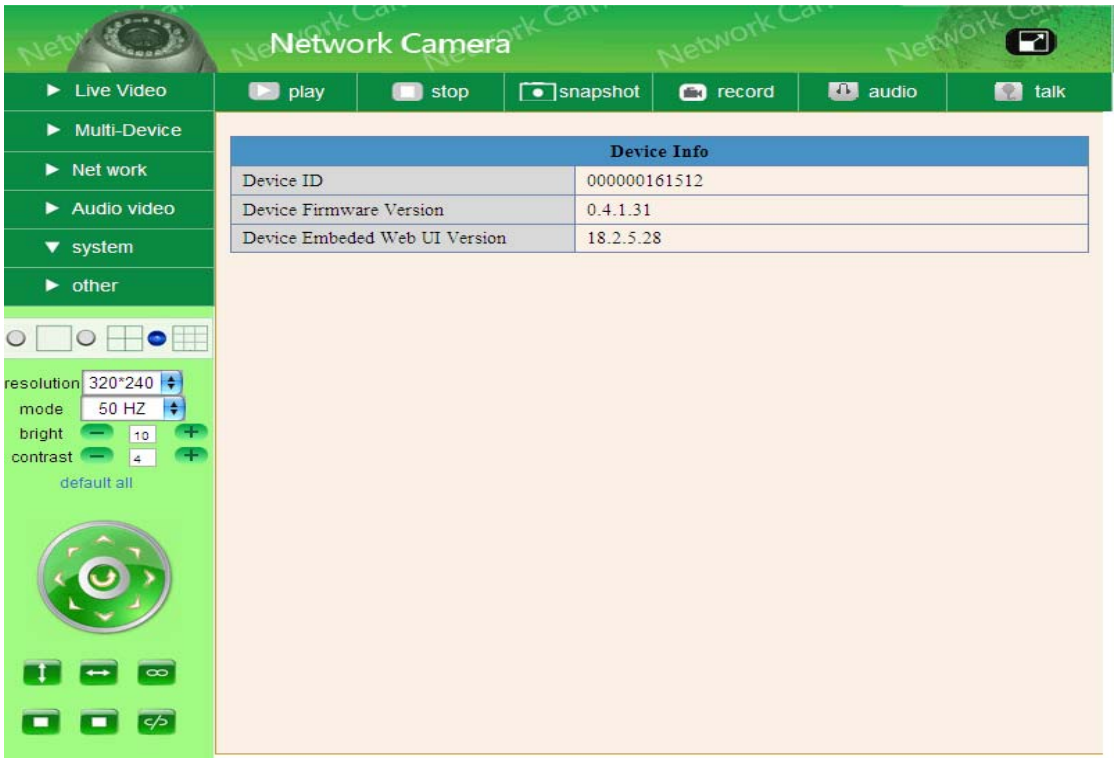


Figure 2.21

- Alias Settings

You can Input the new name as you like.

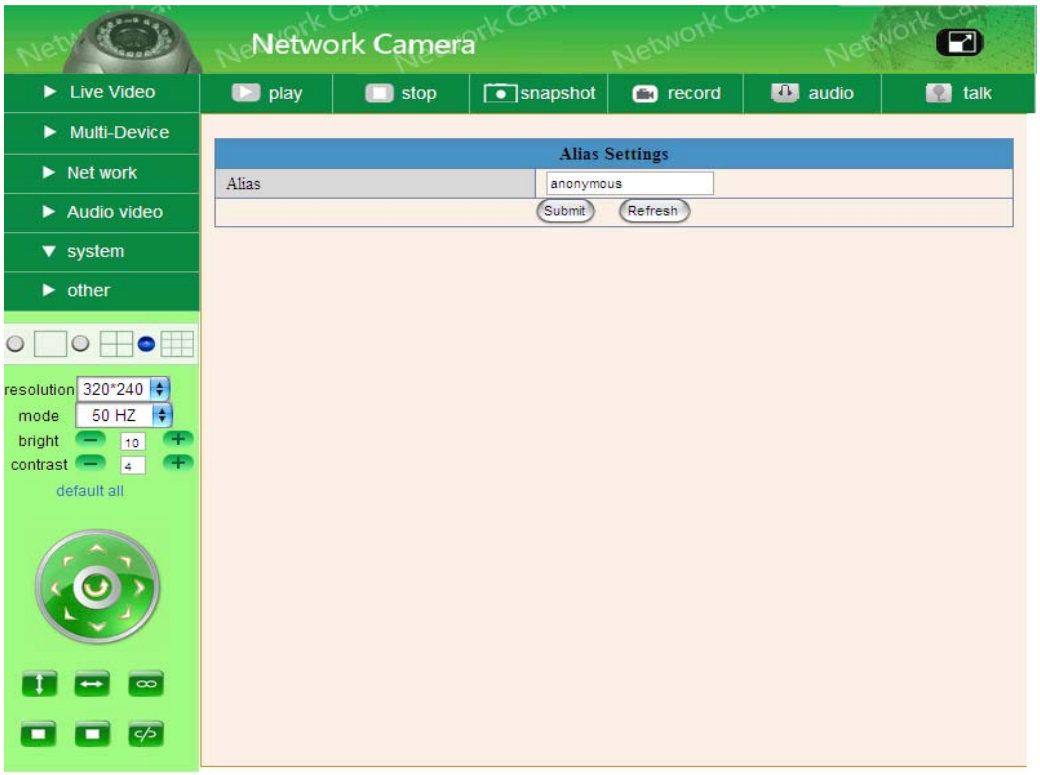


Figure 2.22

- Date &Time Settings

Data &Time Settings page.

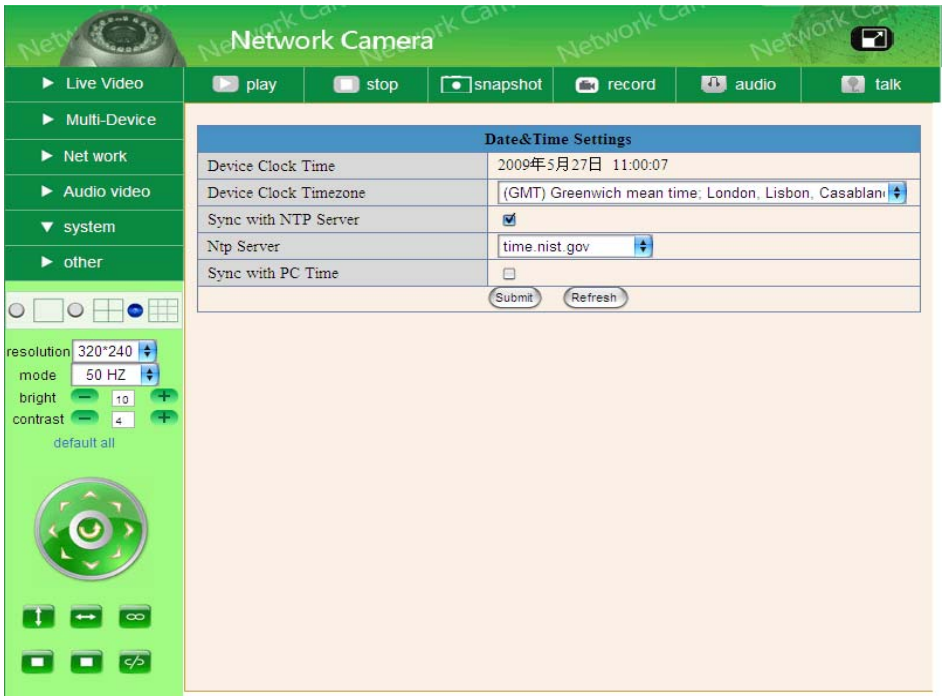


Figure 2.23

- Users Settings

Eight accounts are acceptable for this system. Here the eight users can Configure their user names and password as administrator, Operator or Visitor.

- **Visitor:** In this mode, you can only view.
- **Operator:** You can control the direction of IP Camera and set some parameter.
- **Administrator:** You can setup the advanced configurations of the IP Camera.

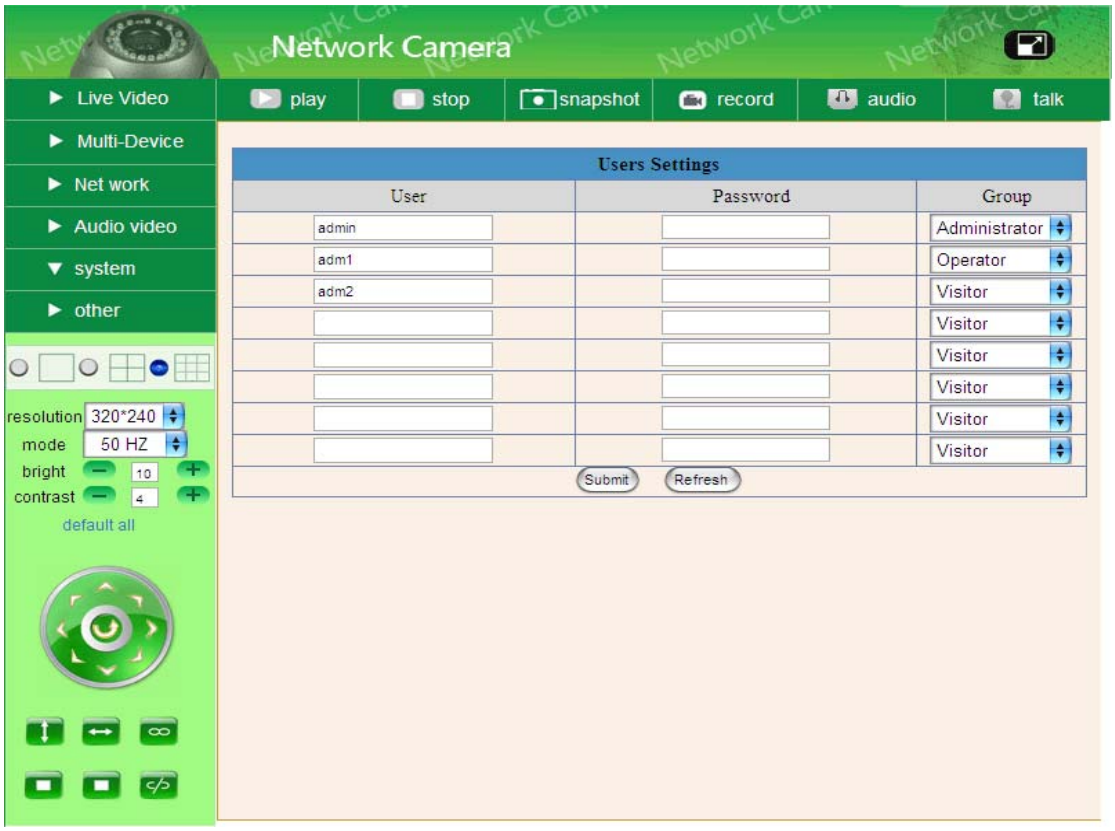


Figure 2.24

3 HOW TO USE

3.1 Step by step to use

Follow the instructions below to get started after the Camera has been mounted properly. When the IP camera powered on, it will rotate itself and stop to the center.

1) Use Network cable connect IP Camera to LAN.
2) Enter **IP Camera Tool**

to set the basic configuration, (details:2.1)
3) When IP address of the Camera listed in the Result Field of the **IP Camera Tool,** it means the basic configuration is completed.

4) Set the safety property of IE in the PC when you view it first time, (details:4.1.3)
5) Camera login(details:2.2)
6) Now you can use the IP Camera as Visitor, operator or Administration in the LAN.

3.2 Setting Wi-Fi of IP Camera

1) To use the wireless function of the IP Camera, a wireless router like Linksys is required.
2) Enter the wireless router setup page (you may see the wireless router user manual). To Find out the **SSID, Channel, Security Way**, **Authentication Type**, **Encryption.**
3) Enter **Wireless Lan Settings** to input contents got from the wireless router then click **Submit** to reboot the device.

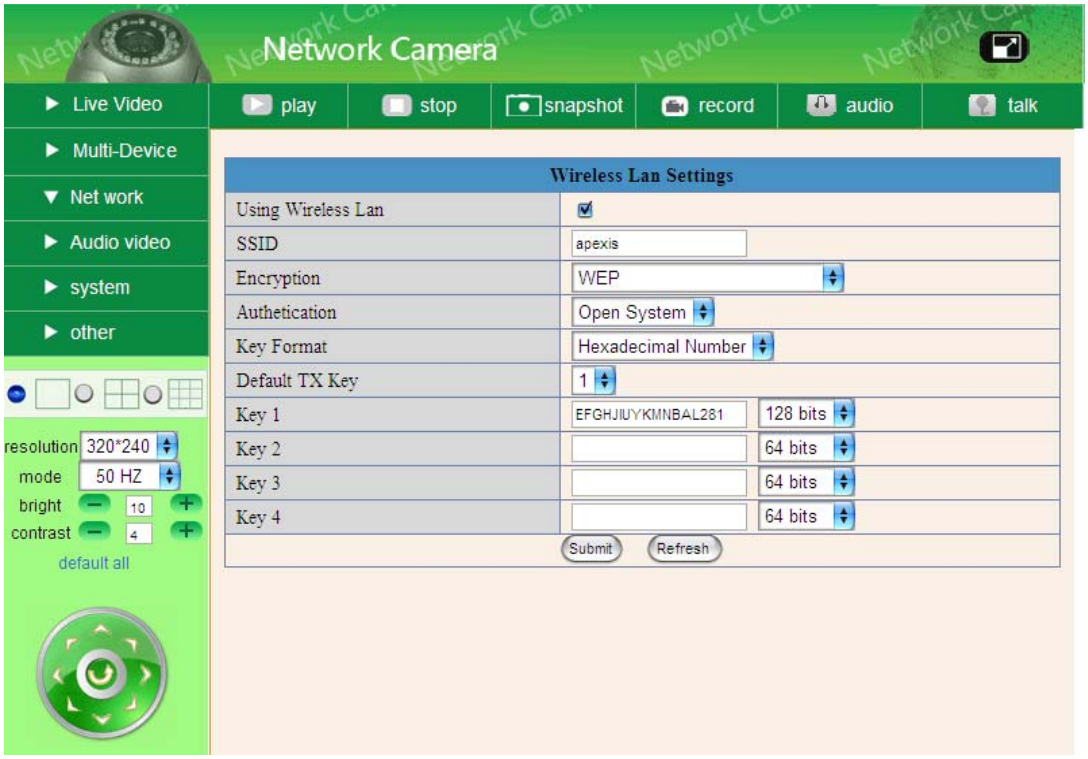


Figure3.1

4) Wait at least 30 seconds to unplug the Ethernet cable, then unplug the power supply.
5) Plug the power supply making sure that the Ethernet is not connected.
6) After around 30 seconds, if the LED blinks, it indicates it is working in WIFI mode.
7) Camera login. (details:2.2)

3.3 Connected to the Internet through ADSL directly

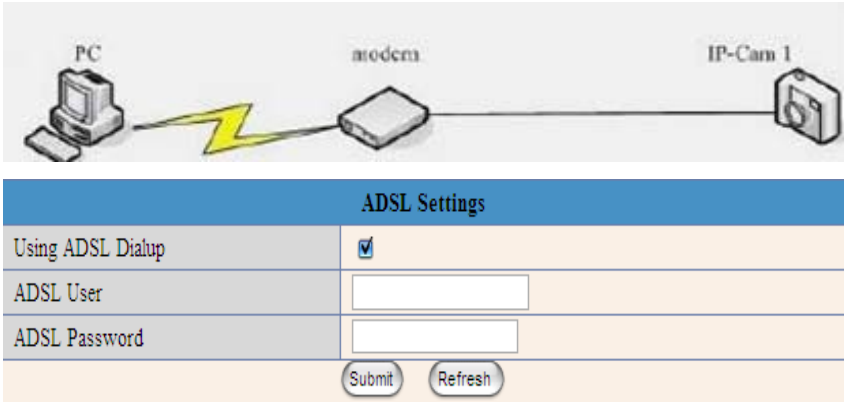


Figure3.2

1) Use Network cable connect IP Camera to PC
2) Enter IP Camera Tool to set the basic configuration, (details:2.1)
3) Login the Camera homepage as Administration and enter **ADSL Settings** page to input ADSL User name and password.
4) Enable DDNS service at the same time and Click <Submit> and to reboot the Device, (details:2.5.3)
5) Connect IP Camera to the ADSL directly, you ca access the Camera from Internet by domain name.

NOTE: Please choose the option “Report ADSL IP by Mail”, then it will send ADSL IP to user by Email.

3.4 Using a router to access the Internet

Using a router to access the Internet by shared ADSL If a router is set for dial-up Internet access, it is not required to set ADSL dial-up account and password on the IP Camera.

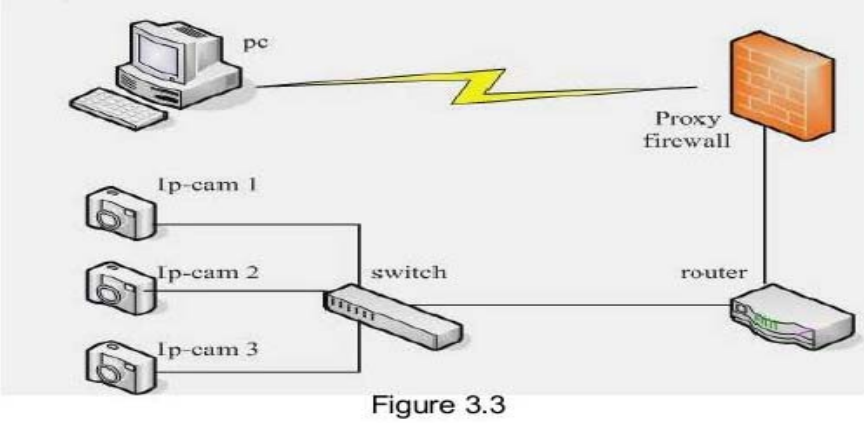


Figure 3.3

1) Use Network cable connect IP Camera to the LAN.
2) Enter **IP Camera Tool** to set the basic configuration,(details:2.1)
3) Login the Camera homepage ad Administration.
4) Enter **DDNS Settings Page** and enable DDNS service. Click **<Submit>** and the device will reboot (details:2.5.3)
5) You can access the Camera from Internet by domain name.

3.5 Static IP user

Static IP user is not need to use DDNS for remote access. When finished the setting of the IP Camera in LAN, you can access the Camera directly from Internet by the WAN IP. You can obtain the WAN IP by two ways.

IP Address (Internet Protocol Address); This number is on extrusive Number at Information technology devices (printer, routers, modems, et al) use which identifies and allows them the ability to communicate with each other on a computer network. There is a standard

Figure 3.4

Obtain the WAN IP address from the router

Take the WRT54G router of LINKSYS for example,

1) Obtain the IP address of the router (LAN gateway address), user name and password for logon to the router from the network administrator,
2) Enter the LAN IP address of the router; Open the **Status** page to find out the WAN address of the router. In this example, the address is 116.25.51.115.

Figure 3.5

Access the IP Camera from the Internet

User can access the IP Camera from the Internet, Enter Http://116.25.51.115 into the address bar of the IE to access the IP Camera.

If several IP Cameras are connected to the same router, it is necessary to enter WAN IP address + port number in the IE to access different IP Cameras.

For example, Http://116.25.51.115:85 or Http://116.25.51.115:800..

How to use DDNS

When use ADSL, the IP Camera will connect to the Internet through ADSL automatically.

For each ADSL reconnection, ISP will re-assign a new IP address for the IP Camera to facilitate the access. DDNS (Dynamic Domain Name Server) can map the dynamic IP address of an IP Camera to a fixed domain name. Therefore, we can access the IP Camera by the fixed domain name whether the IP address changes or not. The IP address is not necessary when you using the DDNS via the domain name to find your network.

1) Go to the website which Provides free domain name, register and apply a free

domain name. Such as http://www.dyndns.com/(details:4.1.6).

2) Login the Camera homepage as Administration and enter "**DDNS Service Settings**" page input the name, password and Host (detail: 2.5.3). Then click**<SUBMIT>** and reboot Device.
3) Re-login the Camera homepage and enter "**DDNS Service Settings**" page to check the **DDNS Status** is **DynDns Succeed** or not.
4) Enter "**UPnP Settings**" page, the **UPnP Status** should be **UPnP Succeed.** If the status is not **Succeed**, you may enter "**Basic Network Settings**" page to change Http Port (details:2.5.5). Then click <**SUBMIT**> and Reboot Device.
5) Re-login the Camera homepage to check and make sure the **DDNS Status** and **UPnP**

Status is Succeed.

6) You only need to enter the domain name(domain name Port number http://kingeye.kicks-ass.net:81/) in the IE address bar, the browser will visit the IP Camera.

Wait for several minutes and the IP Camera will dial up to access the Internet automatically, and the communication with the DDNS server is established successfully. In the way, the user can access the IP Camera from a WAN by using the DDNS domain name.

If the gateway settings and DDNS settings have been completed, enter the DDNS dynamic domain name (for example, http://kingeye.vicp.net/, do not add www.) in the address bar of the IE to access the IP Camera. If multiple IP Camera are connected to the same router, enter DDNS dynamic domain +port number (for example, http://kingeye.vicp.net:85/) in the address bar of the IE to access different IP Cameras.

4 APPENDIXES

4.1 Frequently Asked Questions

Note: Any questions you would meet, please check Network connections firstly.
Check the working status revealed by the indicators on the network server, hub, exchange and network card. If abnormal, check the network connections.

4.1.1 I have forgotten the administrator username and/or password.

To reset the administrator username and password, Press and hold down the RESET BUTTON fur 5 seconds. Release the power button and the username and password will be reset back to the factory default administrator username and password.
Default administrator username: **admin**
Default administrator password: No password

4.1.2 IP Address configuration

Check whether IP address of the IP camera server shares the same subnet as your work station: Click My Computer >Control Panel> Network & Dial-up Connections > LAN > Attributes >Internet Protocols (TCP/IP), and check IP Address and Subnet Mask. Make sure they are in the same subnet when configuring IP Camera IP address manually.
Unable to access IP Camera via web browser

4.1.3 Network Configuration

Double Check to ensure that your HTTP server software is configured and run properly. If you're running any firewall software, make sure it's allowing inbound connections to port 80, also, if you happen to be using a cable/DSL router, make sure you've set up port forwarding properly. (Consult your router's documentation for more information). If none of these seem to be the problem, it's documentation for more information). If none of these seem to be the problem, it's also possible that your ISP is blocking inbound connections to port 80-many IPSS have done this because of internet worms such as Code Red, If this is the case, you'll have to setup your HTTP server on an alternate port (such as 8080).

4.1.4 No pictures Problems with ActiveX Controller

If Internet Explorer is used as WEB Browser, download ActiveX controller and set the safety property of IE in the PC when you view it first time:
"IE" browser > "Tool" > "Internet Proper" > "Security"> "Custom Level" > "ActiveX control and Plug-ins" three options of front should be set to be "Enable", The ActiceX programs read by the computer will be stored, as follows:

Enable: Download unsigned ActiveX controls
Enable: Initialize and script ActiveX controls not marked as safe
Enable: Run ActiveX controls and plug-ins

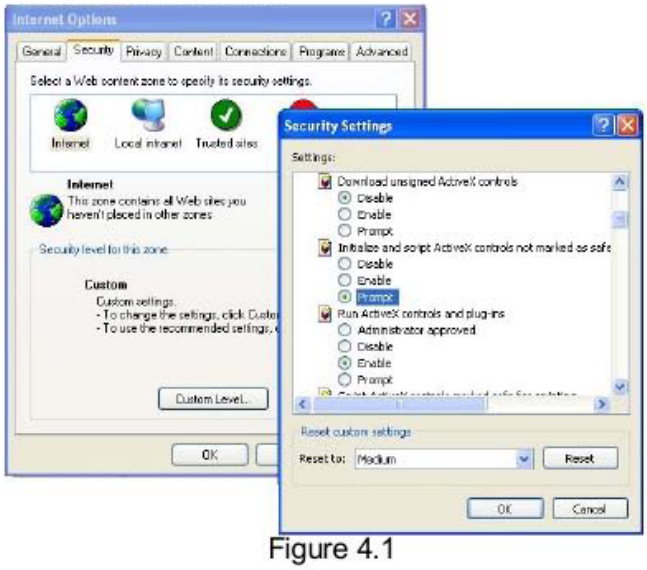


Figure 4.1

4.1.5 Problems with network bandwidth

The image frame rate is subjected to the following factors: 1, network bandwidth; 2, PC

performance, network environment and display preference setting (brightness, theme, etc); 3, the number of visitors (Too many visitors will slow down the image frame rate.): 4, choice of switch or hub (Use a switch for multiple IP Camera Servers rather than a HUB,).

4.1.6 For example: Register procedure from a DDNS web

Step 1: enter http://www.dyndns.com/ and **Create Account**

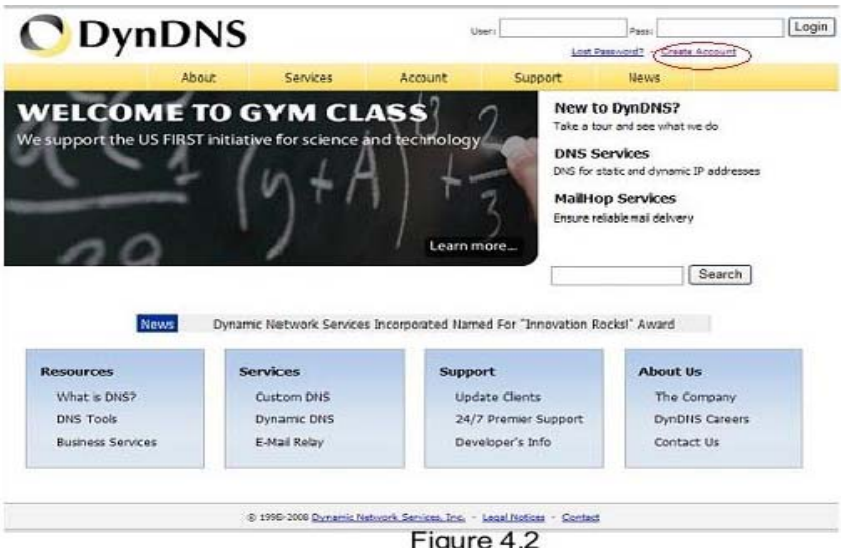


Figure 4.2

Step2: enter your information

Figure 4.3

Step3: After a minute, you will receive a E-mail from **DynDNS Support** and it will give you a confirmation address
(e.g. https://www.dyndns.com/account/confirm/vXMVT78-KvenhydmKMWH5kg)

Step4: When the Account Confirmed, login and start using your account. Choose Add Host Services(Figure 4.4) and enter Add New Hostname (Figure 4.5) page.

Figure 4.4

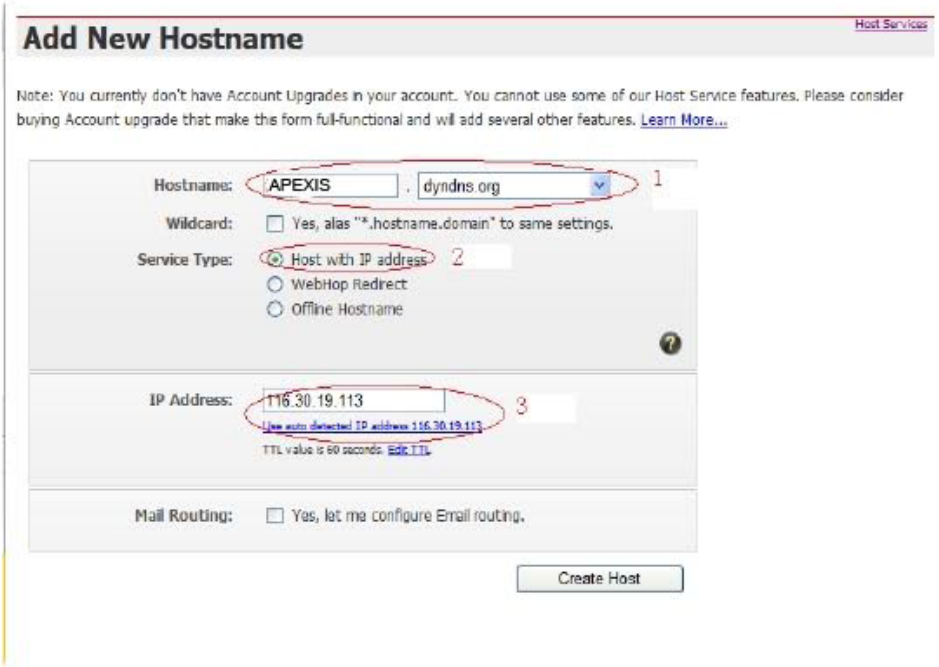

Add New Hostname
Host Services
Note: You currently don't have Account Upgrades in your account. You cannot use some of our Host Service features. Please consider buying Account upgrade that make this form full-functional and will add several other features. Learn More...
Hostname:
APEXIS
dyndns.org
1
Wildcard:
Yes, alias "*.hostname.domain" to same settings.
Service Type:
Host with IP address
2
WebHop Redirect
Offline Hostname
IP Address:
116.30.19.113
3
Use auto detected IP address 116.30.19.113
TTL value is 60 seconds Edit TTL
Mail Routing:
Yes, let me configure Email routing.
Create Host

Figure 4.5

Step5: On the **Add New Hostname** page

1) Input your Hostname.

2) Choose **Host with IP address**
3) Click Use auto detected IP address xxx.xx.xx.xxx then click **Create Host**.

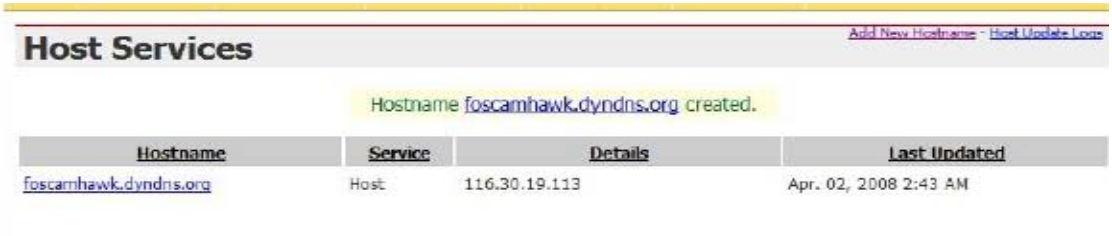


Figure 4.6

Step6: Now you obtained a Dynamic Domain Name (Figure 4.6), and can use it in **the DDNS Service Settings** (details:2.5.3)

4.1.7 Why pop-up the prompt" Fail to connect to the device…"?

This prompt only appeared in the case of using multiple cameras.

Enter the **Multi-Device Settings** page(login as administrator) to check the Device

When you set multiple cameras, the color changed to yellow.

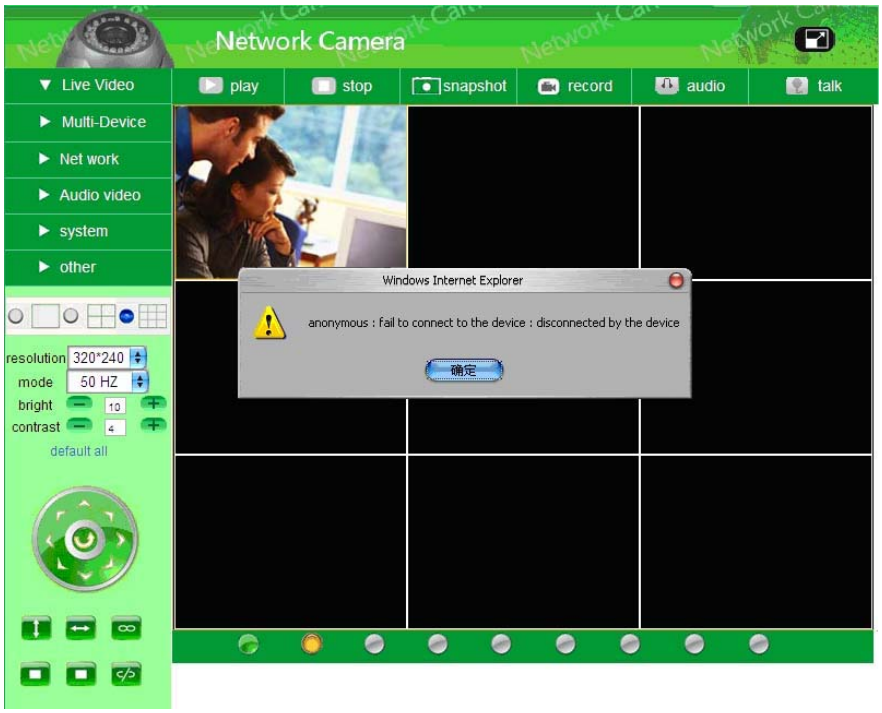


Figure4.7

4.2 Default Parameters

Default network Parameters

IP address: dynamic obtain
DHCP: Disabled
DDNS: Disabled
Username and password
Default administrator username: **admin**
Default administrator password: No password

4.3 Specification

Item	**Specifications**
Video Compression	MJPEG video compression
Video Resolution Adjustment	640*480(VGA), 320*240(QVGA)
Video Parameters	Brightness, contrast
Video Frame	30 frame/sec(QVGA), 15 frame/sec(VGA)
Communication interface	One 10M/100Madaptive Ethernet interface
Wi-Fi Module	Supporting IEEE802.11b/g
Power Supply	DC 5V
Maximum Power	< 5W
Operating Temperature	0℃～+55℃ /+14℉～ +122℉
Storage Temperature	-20℃～+70℃/ -44℉～+158℉
Operating Humidity	10～85%
System Requirements	Microsoft Windows 98/ME/2000/XP/Vista
Explorer	Microsoft Internet Explorer 5.0 or above

5 OBTAINING TECHNICAL SUPPORT

While we hope your experience with the IP CAMERA network camera is enjoyable and easy to use, you may experience some issues or have some questions that this User's Guide has not answered.
TO obtain the latest information and support for your Observer network camera, please visit our webpage for additional FAQ'S and troubleshooting tips.